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DIALOG(R)File 350:Derwent WPIX  
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WPI Acc No: 1982-02748E/198202

Tackifier compsn. for adhesive film - comprises polyacrylic  
ester-ethylenic monomer copolymer and deliquescent material

Patent Assignee: HITACHI CHEM CO LTD (HITB )

Number of Countries: 001 Number of Patents: 002

Patent Family:

| Patent No   | Kind | Date     | Applicat No | Kind | Date     | Week     |
|-------------|------|----------|-------------|------|----------|----------|
| JP 56149481 | A    | 19811119 | JP 8053432  | A    | 19800421 | 198202 B |
| JP 89015546 | B    | 19890317 |             |      |          | 198915   |

Priority Applications (No Type Date): JP 8053432 A 19800421

Patent Details:

| Patent No   | Kind | Lan | Pg | Main IPC | Filing Notes |
|-------------|------|-----|----|----------|--------------|
| JP 56149481 | A    |     | 4  |          |              |

Abstract (Basic): JP 56149481 A

The compsn. contains (1) 100 pts. wt. tackifier comprising mainly  
the acrylic ester copolymer copolymerised with 1-10 mole % a monomer  
contg. ethylenically unsatd. bond and acid gp. and (2) 0.1-5 wt.%  
deliquescent matter.

The compsn. has excellent stretch forming property and provides  
adhesive film free from delamination. Pref. (2) has satd. aq. soln.  
Pref. vapour press at 20 deg.C of below 50% of the vapour pressure of  
distilled water at 20 deg.C. (2) includes, e.g. CH<sub>3</sub>COOK, CaCl<sub>2</sub>, KF,  
KNO<sub>2</sub>, MgCl<sub>2</sub>. The acrylic ester copolymer pref. includes ethyl acrylate,  
butyl acrylate, 2-ethylhexyl acrylate, methyl methacrylate. The acid  
gp.-contg. monomer includes (meth)acrylic acid, maleic acid, crotonic  
acid, 2-acid phosphoxyethyl acrylate. Opt. functional monomer such as  
hydroxyethyl acrylate, acrylamide and vinyl monomer such as vinyl  
acetate, styrene may be used for crosslinking and control of the  
reactivity during prepn. of (1).

Derwent Class: A14; A81; G03

International Patent Class (Additional): C09J-007/02

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